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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/717,743A

DATE: 03/25/2002

TIME: 10:50:21

Input Set : A:\01997.521003.SEQLIST.TXT

Output Set: N:\CRF3\03252002\I717743A.raw

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4 <110> APPLICANT: Ranganathan, Rajesh
5   Horvitz, H. R.
6   Cannon, Stephen C.
8 <120> TITLE OF INVENTION: NOVEL SEROTONIN-GATED ANION CHANNEL
11 <130> FILE REFERENCE: 01997/521003
13 <140> CURRENT APPLICATION NUMBER: 09/717,743A
14 <141> CURRENT FILING DATE: 2000-11-21
16 <150> PRIOR APPLICATION NUMBER: 09/559,622
17 <151> PRIOR FILING DATE: 2000-04-27
19 <150> PRIOR APPLICATION NUMBER: 60/131,149
20 <151> PRIOR FILING DATE: 1999-04-27
22 <160> NUMBER OF SEQ ID NOS: 6
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66 caaactggtc ccctgggtgg ggaaatggtg gcatttttgg aaacattttc atagtcgaag 2100
67 aagtggaca agaaaattgg aaaatagaga tacatatgta tatgaaaata gaattgaaca 2160
68 ggaacttatt tttattttca ggatatggga agcttgaatg aaatatcatc cgactttgaa 2220
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167 20 25 30
168 Ser Glu Gly Lys Ile Met Asn Thr Ile Met Ser Asn Tyr Thr Lys Met
169 35 40 45
170 Leu Pro Asp Ala Glu Asp Ser Val Gln Val Asn Ile Glu Ile His Val
171 50 55 60
172 Gln Asp Met Gly Ser Leu Asn Glu Ile Ser Ser Asp Phe Glu Ile Asp
173 65 70 75 80
174 Ile Leu Phe Thr Gln Leu Trp His Asp Ser Ala Leu Ser Phe Ala His
175 85 90 95
176 Leu Pro Ala Cys Lys Arg Asn Ile Thr Met Glu Thr Arg Leu Leu Pro
177 100 105 110
178 Lys Ile Trp Ser Pro Asn Thr Cys Met Ile Asn Ser Lys Arg Thr Thr
179 115 120 125
180 Val His Ala Ser Pro Ser Glu Asn Val Met Val Ile Leu Tyr Glu Asn
181 130 135 140
182 Gly Thr Val Trp Ile Asn His Arg Leu Ser Val Lys Ser Pro Cys Asn
183 145 150 155 160
184 Leu Asp Leu Arg Gln Phe Pro Phe Asp Thr Gln Thr Cys Ile Leu Ile
185 165 170 175
186 Phe Glu Ser Tyr Ser His Asn Ser Glu Glu Val Glu Leu His Trp Met
187 180 185 190
188 Glu Glu Ala Val Thr Leu Met Lys Pro Ile Gln Leu Pro Asp Phe Asp
189 195 200 205
190 Met Val His Tyr Ser Thr Lys Lys Glu Thr Leu Leu Tyr Pro Asn Gly
191 210 215 220
192 Tyr Trp Asp Gln Leu Gln Val Thr Phe Thr Phe Lys Arg Arg Tyr Gly
193 225 230 235 240
194 Phe Tyr Ile Ile Gln Ala Tyr Val Pro Thr Tyr Leu Thr Ile Ile Val
195 245 250 255
196 Ser Trp Val Ser Phe Cys Met Glu Pro Lys Ala Leu Pro Ala Arg Thr
197 260 265 270
198 Thr Val Gly Ile Ser Ser Leu Leu Ala Leu Thr Phe Gln Phe Gly Asn
199 275 280 285
200 Ile Leu Lys Asn Leu Pro Arg Val Ser Tyr Val Lys Ala Met Asp Val
201 290 295 300
202 Trp Met Leu Gly Cys Ile Ser Phe Val Phe Gly Thr Met Val Glu Leu
203 305 310 315 320
204 Ala Phe Val Cys Tyr Ile Ser Arg Cys Gln Asn Ser Val Arg Asn Ala
205 325 330 335
206 Glu Arg Arg Arg Glu Arg Met Arg Asn Ser Gln Val Trp Ala Asn Gly
207 340 345 350

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213 385           390           395           400
214 Pro Ser Pro Leu Asn Leu Gln Met Thr Thr Phe Asp Ser Glu Ile Pro
215           405           410           415
216 Leu Thr Phe Asp Gln Leu Pro Val Ser Met Glu Ser Asp Arg Pro Leu
217           420           425           430
218 Ile Glu Glu Met Arg Ser Thr Ser Pro Pro Pro Pro Ser Gly Cys Leu
219           435           440           445
220 Ala Arg Phe His Pro Glu Ala Val Asp Lys Phe Ser Ile Val Ala Phe
221       450           455           460
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